

Amendments to the Claims

1. (Currently amended) A method of producing aluminium alloy sheet material, ~~characterised in the following steps; which comprises:~~
 - continuous strip casting of a sheet at a predetermined solidification rate ensuring material microstructure exhibiting primary particles having average size below 1 micrometer², and
 - ~~(cold)-~~ cold rolling of the strip cast sheet to an appropriate gauge with optionally intermediate annealing during the cold rolling.
2. (Currently amended) ~~Method~~ A method according to claim 1, ~~characterised in that wherein~~ the sheets are further annealed during cold rolling.
3. (Currently amended) ~~Method~~ A method according to claim 1, ~~characterised in that wherein~~ the alloy is cast to 4.5 mm thick strip and cold rolled to 0.58 mm followed by an intermediate annealing.
4. (Currently amended) ~~Method~~ A method according to claim 1, ~~characterised in that wherein~~ the intermediate annealing ~~was~~ is undertaken in an air furnace by heating from room temperature to 340°C at 30°C/hour and soaking at 340°C for 3 hours.
5. (Currently amended) ~~Method~~ A method according to claim ~~1~~ 4, ~~characterised in that wherein~~ after ~~cooling~~ the soaking, the material is cooled from 340°C to 200°C at 50°C/hour, and the material ~~was~~ is cooled in air.
6. (Currently amended) ~~Method~~ A method according to claim 2, ~~characterised in that wherein~~ after annealing, the material was further cold rolled to 60 µm.

7. (Withdrawn) An aluminium alloy sheet, characterised in that its material microstructure exhibits primary particles having average size below 1 micrometer².
8. (Withdrawn) Aluminium alloy sheet according to claim 7, characterised in that the primary particles are iron-enriched particles ensuring improved pitting corrosion resistance.
9. (Withdrawn) Aluminium alloy sheet according to claim 7, characterised in that at least one of the flat surfaces is coated with a reactive flux retaining coating capable of providing joints in a brazing process, where the flat surface at least partially is coated with a flux retaining composition comprising a synthetic resin based, as its main constituent, on methacrylate homopolymer or a methacrylate copolymer.
10. (Withdrawn) Aluminium alloy sheet according to claim 7, characterised in that at least one of the flat surfaces is coated with a reactive flux or a normal flux to enable the sheet to be utilised as tube for clad fin in a heat exchanger.
11. (Withdrawn) Aluminium alloy sheet according to claim 7, characterised in that at least one of the flat surfaces is coated with Al-Si powders to enable the sheet to be utilised as header in a heat exchanger.
12. (Currently amended) ~~Method~~ A method according to claim 2, ~~characterised in that~~ wherein the alloy is cast to 4.5 mm thick strip and cold rolled to 0.58 mm followed by an intermediate annealing.

13. (Currently amended) ~~Method~~ A method according to claim 2,
~~characterised in that~~ wherein the intermediate annealing ~~was~~ is undertaken in an air
furnace by heating from room temperature to 340°C at 30°C/hour and soaking at 340°C
for 3 hours.
14. (Currently amended) ~~Method~~ A method according to claim 3,
~~characterised in that~~ wherein the intermediate annealing ~~was~~ is undertaken in an air
furnace by heating from room temperature to 340°C at 30°C/hour and soaking at 340°C
for 3 hours.
15. (Currently amended) ~~Method~~ A method according to claim-2 13,
~~characterised in that~~ wherein after cooling the soaking, the material is cooled from
340°C to 200°C at 50°C/hour, and the material ~~was~~ is cooled in air.
16. (Currently amended) ~~Method~~ A method according to claim-3 14,
~~characterised in that~~ wherein after cooling the soaking, the material is cooled from
340°C to 200°C at 50°C/hour, and the material ~~was~~ is cooled in air.
17. (Cancelled)
18. (Currently amended) ~~Method~~ A method according to claim 3,
~~characterised in that~~ wherein after annealing, the material was further cold rolled to 60
µm.
19. (Currently amended) ~~Method~~ A method according to claim 4,
~~characterised in that~~ wherein after annealing, the material was further cold rolled to 60
µm.
20. (Currently amended) ~~Method~~ A method according to claim 5,
~~characterised in that~~ wherein after annealing, the material was further cold rolled to 60
µm.

21. (New) A method according to claim 1, wherein the continuous strip casting is at a predetermined solidification rate in the range from 10^2 to 10^3 °C/sec.